

S7 operation update

Eric Dufresne, TRR group meeting, October 3, 2005

- The new laser enclosure utilities are nearly completed. EL has started to move in. The new laser labyrinth design has been approved and procurement of it is underway.
- The Oxford cryopump moved on top of 7ID-A on the new platform.
- BA, HG, and ED fixed the Huber goniometer encoder on the 7ID monochromator. The monochromator had to be taken out of the beamline, so it was quite a task.
- DA and DW removed the micromono from 7ID-B. Because of this, there is one less Be window now in the beamline, so the beamline Be path is as thin as practical.
- Mark Erdmann and Danny Nocher installed our new mask after the P4. Hopefully this will allow us to go down to 11 mm gap again once the beamline radiation tests are completed.

Shutdown activities (cont.)

- New handrail on all hutches for improved access and additional storage. The roof access is at end of the laser enclosure.
- DW and Mr Huber repaired two Huber 4-circle diffractometer to their original state. We started to investigate motor noise in 7ID-D. A visit by Minarik led to helpful suggestions.
- DA repaired the Motor cart, and procured and installed a new AIM ADC and HV Power Supply supported in EPICS.
- DA also set up two new PCs, one for CCD cameras, one for general use in the LOM. New UPS for our beamline file servers were also installed.
- DW has designed and procured some additional workstation area to move the control station of 7ID-C on the large office partition. Installation is going on today.
- This week, we must realign the monochromator and close out all our zillions work request yellow sheets associated with all the hutch construction efforts. We have also the yearly routine radiation survey on Wednesday. The 7ID-B labyrinth was also mitigated by Technit in Aug.

Shutdown in pictures

